

TNReady

Sample Items

Math (Grades K-8)

Sample Item: Graphic Response

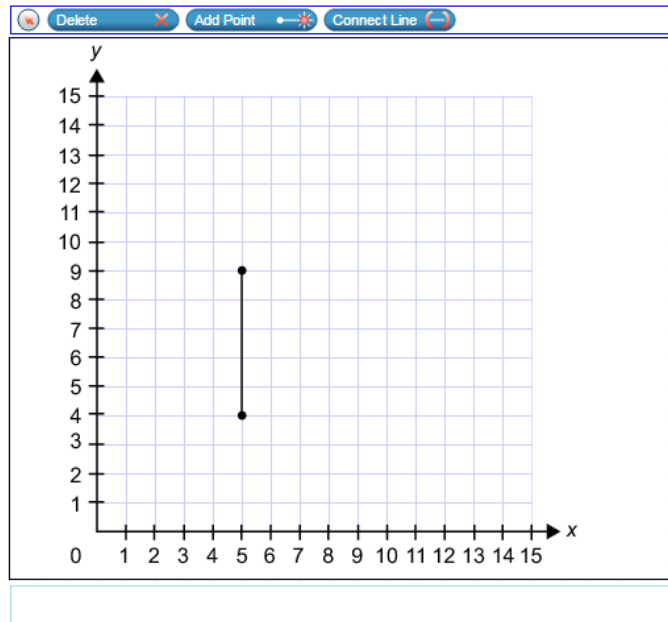
Grades 5-6 Training Test #17

17

One side of a pentagon with vertices at $(5, 4)$ and $(5, 9)$ are shown.

Use the Connect Line tool to draw the remaining sides of the pentagon with these conditions:

- at least two sides each have a length of 5 units, and
- at least one side has a length of 8 units.



Math Sample Items

Sample Item: Multiple Select

Grades 7-8 Training Test #12

Select all the expressions that are equivalent to -7 .

☐ $-\frac{14}{2} \times \frac{7}{7}$

☐ $7 \times -1 \times -1 \times -1$

☐ $-4 \times \frac{7}{4}$

☐ -7×-1

☐ 7^{-1}

Sample Item: Short Answer

Grades 7-8 Training Test #16

An equation is shown.

$$a^b = c$$

Both a and c are less than 0, and b is a positive integer.

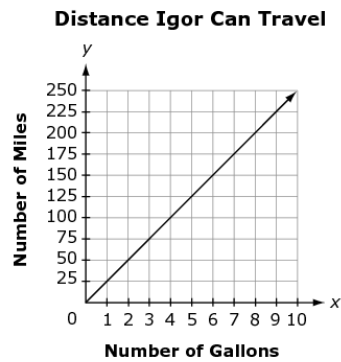
State another fact that must be true about b . Give a complete statement to explain your reasoning.

Type your answer in the space provided.

Sample Item: Equation Response

Grades 7-8 Training Test #8

Igor's car travels 25 miles on a gallon of gas. The car's gas tank has a capacity of 10 gallons. The distance Igor can travel is shown in the graph.



Before his trip, Igor stops at a gas station where 10 gallons of gas costs \$41.90. His gas tank is already $\frac{2}{5}$ full and he spends \$16.76 on gas.

What is the maximum distance, in miles, Igor can travel with the gas he now has in his tank?

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✖

1	2	3	+	-	•	÷			
4	5	6	<	≤	=	≥	>		
7	8	9	$\frac{\Box}{\Box}$	\Box^\Box	()		$\sqrt{\Box}$	$\sqrt[\Box]{\Box}$	π
0	.	-							